

Converting Colors

HunterLab(72.2298, 15.5290,
40.8181)

Have a look what the booklet for
HunterLab(72.2298, 15.5290,
40.8181) contains.

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Color

**HunterLab(72.3119, 15.3800,
40.8505)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF40
RGB	255, 175, 64
RGB Percent	100%, 69%, 25%
CMY	0.0000, 0.3137, 0.7490
CMYK	0.00, 0.31, 0.75, 0.00
HSL	35°, 100%, 63%
HSV	35°, 75%, 100%
XYZ	57.4954, 52.2901, 11.9131
YIQ	186.2660, 83.3110, -17.5610

Conversions

Conversions Part 2

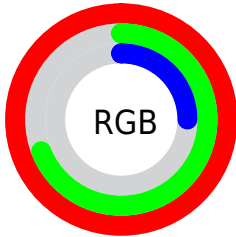
Format	Color
R _Y B	202, 255, 64
Decimal	16756544
CIE Lab	77.46, 20.04, 65.47
CIE LCh	77, 68.469, 72.979
Yxy	52.2928, 0.4724, 0.4297
Android (android.graphics.Color)	4294946624 (0xFFFFAF40)
YUV	186.2660, -60.2771, 60.2797
Hunter-Lab	72.3119, 15.3800, 40.8505

Details

The HunterLab color **72.3119, 15.3800, 40.8505** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **53.1557, 8.1796, -72.6275**, and the grayscale version is **70.4069, -3.7567, 3.8253**.

A 20% lighter version of the original color is **89.2860, -10.1375, 43.4587**, and **50.5009, 14.3928, 31.3704** is the 20% darker color. If you saturate the color by 10%, you get **69.3335, 20.0893, 41.4699**, and if you desaturate by 10%, it is **75.4822, 11.1114, 39.1952**.

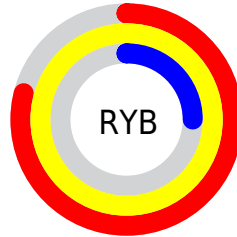
Distribution



Red (100%)

Green (69%)

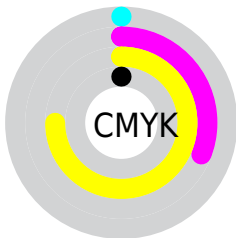
Blue (25%)



Red (79%)

Yellow (100%)

Blue (25%)

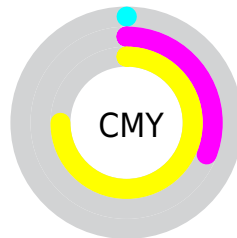


Cyan (0%)

Magenta (31%)

Yellow (75%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.3119, 15.3800, 40.8505 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 72.3119, 15.3800, 40.8505 by changing the saturation by 10% instead.


 72.3119, 15.3800,
40.8505


 72.3119, 15.3800,
40.8505


198.8884, 15.6899,
75.1904


 61.0233, 15.0276,
36.3394


 96.7279, 15.8487,
49.3204

 50.3907, 14.5929,
31.6068


 109.7941, 15.9857,
53.3257


 40.4592, 14.0612,
26.6299


 123.4008, 16.0634,
57.2046

 31.2826, 13.4183,
21.8978

 137.5274, 16.0860,
60.9733

 22.9288, 12.6463,
16.0502

 152.1553, 16.0570,
64.6454

 15.4887, 11.7226,
10.8421

167.2679, 15.9796,

 9.0850, 10.6620,

68.2326

6.3595

182.8502, 15.8564,
71.7448

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.3119, 15.3800,
40.8505

■ 72.3119, 15.3800,
40.8505

■ 69.3335, 20.0893,
41.4699

■ 75.4822, 11.1114,
39.1952

■ 66.5462, 25.1987,
41.1072

■ 78.8310, 7.3193,
36.5036

■ 65.1942, 27.9047,
40.6609

■ 82.3507, 4.0057,
32.8107

■ 86.0314, 1.1631,
28.1688

■ 89.8633, -1.2242,

22.6393

93.8366, -3.1774,
16.2870

97.9421, -4.7211,
9.1760

99.9999, -5.3360,
5.4331

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3137, 47.8338, 33.8892



72.3119, 15.3800, 40.8505



72.3137, -17.3838, 41.2291

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3137, 15.3761, 40.8512



72.3137, -55.2844, -10.7464



72.3137, 43.9199, -54.5402

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.3119, 15.3800, 40.8505



53.1557, 8.1796, -72.6275

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3137, 10.7319, -81.3818



72.3119, 15.3800, 40.8505



72.3137, -44.1757, -49.5229

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3137, 15.3761, 40.8512



72.3137, -54.4865, 19.2793



72.3137, -21.2786, -79.2218



72.3137, 66.2066, -15.7403

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3119, 15.3800, 40.8505



72.3137, -34.8625, 38.1776



72.3137, -21.2786, -79.2218



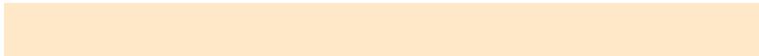
72.3137, 33.4393, -65.8958

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.3137, 15.3761, 40.8512



91.0019, -1.8344, 20.8788



51.9869, 74.9380, 1.9730



41.6091, -0.5852, 10.4220

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3137, 15.3761, 40.8512



67.8881, 22.6502, 41.4007



95.2964, -29.2930, 55.1903



44.4308, -1.8782, 5.8016



47.4455, 19.4898, 29.5769



15.5174, 4.6079, 9.6424

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.1557, 8.1796, -72.6275



46.1071, 17.5543, -92.9397



35.2902, 54.1872, -136.2522



43.1600, -2.6241, -1.2688



30.8616, 17.1768, -75.6541



10.6653, 3.1500, -20.1307

Previews

White Background



This preview shows how the HunterLab color 72.3119, 15.3800, 40.8505 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 72.3119, 15.3800, 40.8505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 72.3119, 15.3800, 40.8505 Background



This preview shows how black text looks on a background with the HunterLab color 72.3119, 15.3800, 40.8505.



This preview shows how white text looks on a background with the HunterLab color 72.3119, 15.3800,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.3119, 15.3800, 40.8505

Protanopia

72.4052, -9.2246, 39.8438

Deuteranopia

72.3388, 5.5020, 40.9358



Tritanopia

72.1885, 29.6837, 10.4082

Trichromacy



Original Color

72.3119, 15.3800, 40.8505

Protanomaly

72.2365, -0.6741, 40.1415

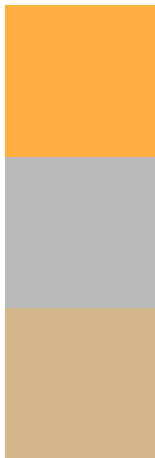
Deuteranomaly

72.1190, 9.1127, 40.7329

Tritanomaly

71.9830, 23.1373, 25.2670

Monochromacy



Original Color

72.3119, 15.3800, 40.8505

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

70.1839, 0.4641, 21.6362

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.3119, 15.3800, 40.8505 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 175, 64)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 64)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 175, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 72.3119, 15.3800, 40.8505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 64) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 175, 64) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 175, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 64);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.3119, 15.3800, 40.8505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 64) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
175, 64) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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